

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A method for testing a partially formed well, comprising:
 - forming a first well bore intersecting a subterranean formation, the first well bore comprising a portion of a well and having a first configuration;
 - testing a production characteristic of the subterranean formation through the first well bore in the first configuration;
 - reconfiguring the first well bore to a second configuration disparate from the first configuration by cutting the subterranean formation to enlarge a transverse dimension of the first well bore;
 - testing the production characteristic of the subterranean formation through the first well bore in the second configuration; **and**
 - planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations; **and**
 - determining at least one characteristic of a substantially horizontal well bore pattern of the well based on testing of the first well bore in the first and second configurations.**
2. **(Original)** The method of Claim 1, wherein the first configuration comprises a substantially unaltered bore hole drilled to the subterranean formation.
3. **(Cancelled)**
4. **(Original)** The method of Claim 1, wherein the second configuration comprises the first well bore with a substantially cylindrical cavity in the subterranean formation.

5. (Currently Amended) The A method of Claim 4 for testing a partially formed well, comprising:

forming a first well bore intersecting a subterranean formation, the first well bore comprising a portion of a well and having a first configuration;

testing a production characteristic of the subterranean formation through the first well bore in the first configuration;

reconfiguring the first well bore to a second configuration disparate from the first configuration by cutting the subterranean formation to enlarge a transverse dimension of the first well bore;

testing the production characteristic of the subterranean formation through the first well bore in the second configuration;

planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations; and

wherein the second configuration comprises the first well bore with a slot cavity in the subterranean formation.

6. (Currently Amended) The A method of Claim 4 for testing a partially formed well, comprising:

forming a first well bore intersecting a subterranean formation, the first well bore comprising a portion of a well and having a first configuration;

testing a production characteristic of the subterranean formation through the first well bore in the first configuration;

reconfiguring the first well bore to a second configuration disparate from the first configuration by cutting the subterranean formation to enlarge a transverse dimension of the first well bore;

testing the production characteristic of the subterranean formation through the first well bore in the second configuration;

planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations; and

wherein the first configuration comprises the first well bore with a slot cavity in the subterranean formation.

7. (Currently Amended) The A method of Claim 1 for testing a partially formed well, comprising:

forming a first well bore intersecting a subterranean formation, the first well bore comprising a portion of a well and having a first configuration;

testing a production characteristic of the subterranean formation through the first well bore in the first configuration;

reconfiguring the first well bore to a second configuration disparate from the first configuration by cutting the subterranean formation to enlarge a transverse dimension of the first well bore;

testing the production characteristic of the subterranean formation through the first well bore in the second configuration;

planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations; and

wherein the first configuration comprises the first well bore with a first slot cavity in the subterranean formation and the second configuration comprises the first well bore with a first and second slot cavity in the subterranean formation.

8. (Original) The method of Claim 1, wherein the first configuration comprises the first well bore with a first enlarged area in the subterranean formation and the second configuration comprises the first well bore with a second further enlarged area in the subterranean formation.

9. (Currently Amended) The A method of Claim 8 for testing a partially formed well, comprising:

forming a first well bore intersecting a subterranean formation, the first well bore comprising a portion of a well and having a first configuration;

testing a production characteristic of the subterranean formation through the first well bore in the first configuration;

reconfiguring the first well bore to a second configuration disparate from the first configuration by cutting the subterranean formation to enlarge a transverse dimension of the first well bore;

testing the production characteristic of the subterranean formation through the first well bore in the second configuration;

planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations;

wherein the first configuration comprises the first well bore with a first enlarged area in the subterranean formation and the second configuration comprises the first well bore with a second further enlarged area in the subterranean formation; and

wherein the first enlarged area comprises a first cavity having a diameter between two and three feet and the second enlarged area comprises a cavity having a diameter of greater than three feet.

10. (Original) The method of Claim 1, wherein testing the production characteristic comprises performing a production flow test.

11. (Original) The A method of Claim 4 for testing a partially formed well, comprising:

forming a first well bore intersecting a subterranean formation, the first well bore comprising a portion of a well and having a first configuration;

testing a production characteristic of the subterranean formation through the first well bore in the first configuration;

reconfiguring the first well bore to a second configuration disparate from the first configuration by cutting the subterranean formation to enlarge a transverse dimension of the first well bore;

testing the production characteristic of the subterranean formation through the first well bore in the second configuration;

planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations; and

further comprising determining whether to drill a second intersecting well bore of the planned well based on the testing of the first well bore in the first and second configurations.

12. (Cancelled)

13. (Currently Amended) The method of Claim 12, wherein the substantially horizontal well bore pattern characteristic comprises a lateral spacing.

14. (Original) The A method of-Claim-4 for testing a partially formed well, comprising:

forming a first well bore intersecting a subterranean formation, the first well bore comprising a portion of a well and having a first configuration;

testing a production characteristic of the subterranean formation through the first well bore in the first configuration;

reconfiguring the first well bore to a second configuration disparate from the first configuration by cutting the subterranean formation to enlarge a transverse dimension of the first well bore;

testing the production characteristic of the subterranean formation through the first well bore in the second configuration;

planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations; and

further comprising determining an orientation and lateral spacing of a substantially horizontal well bore pattern of the well based on testing of the first well bore in the first and second configurations.

15. (Cancelled)

16. (Currently Amended) A method for forming a well, comprising drilling a first well bore intersecting a subterranean formation;

forming ~~a~~ an enlarged cavity in the first well bore at the subterranean formation;

testing a characteristic of the subterranean formation through the well bore;

enlarging the cavity in the subterranean formation;

re-testing the characteristic of the subterranean formation through the well bore having the enlarged cavity; and

further drilling a bore hole associated with the well bore based on testing and re-testing results.

17. (Previously Presented) The method of claim 16 wherein testing the characteristic comprises performing a production flow test.

18. (Previously Presented) The method of claim 16 wherein enlarging the cavity in the subterranean formation comprises enlarging the cross-sectional area of the cavity.

19. (Previously Presented) The method of claim 18 wherein enlarging the cavity comprises forming a slot cavity in the subterranean formation.

20. (Previously Presented) The method of claim 18 further comprising determining whether to drill a second intersecting well bore based on the testing and re-testing results.

21. (Previously Presented) The method of claim 18 wherein the cavity and the enlarged cavity comprise cylindrical cavities having different diameters.